

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Achim H. Krotz and Vasulinga T. Ravikumar

Serial No.: 09/032,972 **Group Art Unit:** 1801

Filed: January 26, 1998 Examiner: Not Yet Assigned

For: IMPROVED PROCESS FOR

SYNTHESIS OF OLIGONUCLEOTIDES

Assistant Commissioner for Patents Washington DC 20231

Sir:

ASSOCIATE POWER OF ATTORNEY

The undersigned, of the firm WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania 19103, Attorney and/or Agents for Applicant(s), hereby appoints the following:

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of ISIS PHARMACEUTICALS, INC., 2292 Faraday Avenue, Carlsbad, California 92008; his/her associates with full power to prosecute the above-identified application and to transact all business in the Patent Office connected therewith and requests that correspondence continue to be directed to the firm of WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP at the above address.

Date: June 22, 1998

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